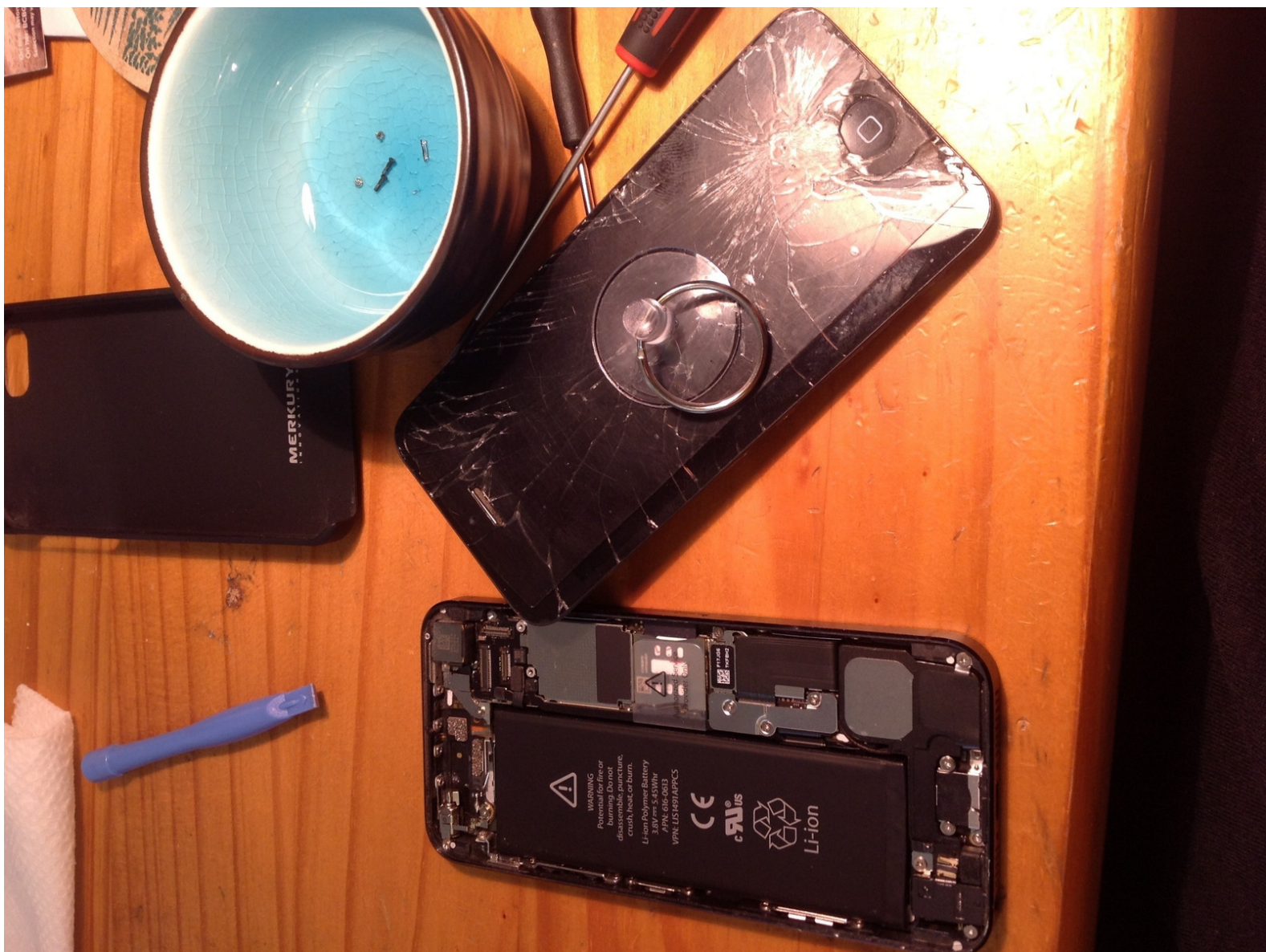




iPhone 5 Glass Replacement

Remove the old glass from the digitizer and replace it with new glass without replacing the assembly

Written By: Phil Hotka



INTRODUCTION

Remove the old glass from the digitizer and replace it with new glass without replacing the assembly



TOOLS:

- [Guitar string](#) (1)
- [Cooktop](#) (1)
- [Duck brand adhesive remover](#) (1)



PARTS:

- [iPhone 5 front glass](#) (1)

Step 1 — Front Panel



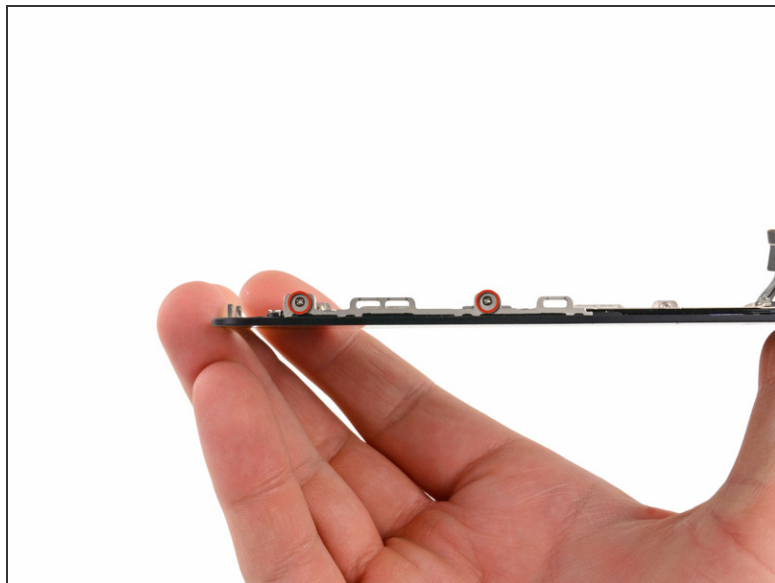
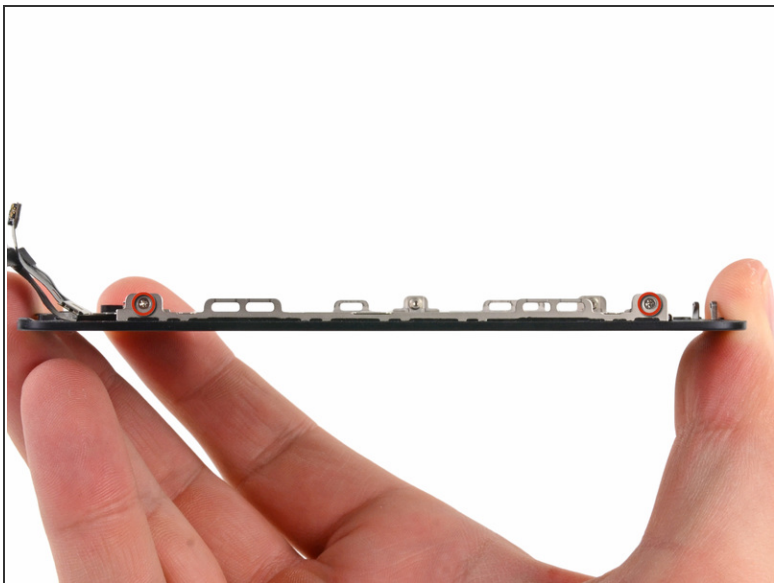
- Use a plastic opening tool to pry the home button up from the display assembly.

Step 2



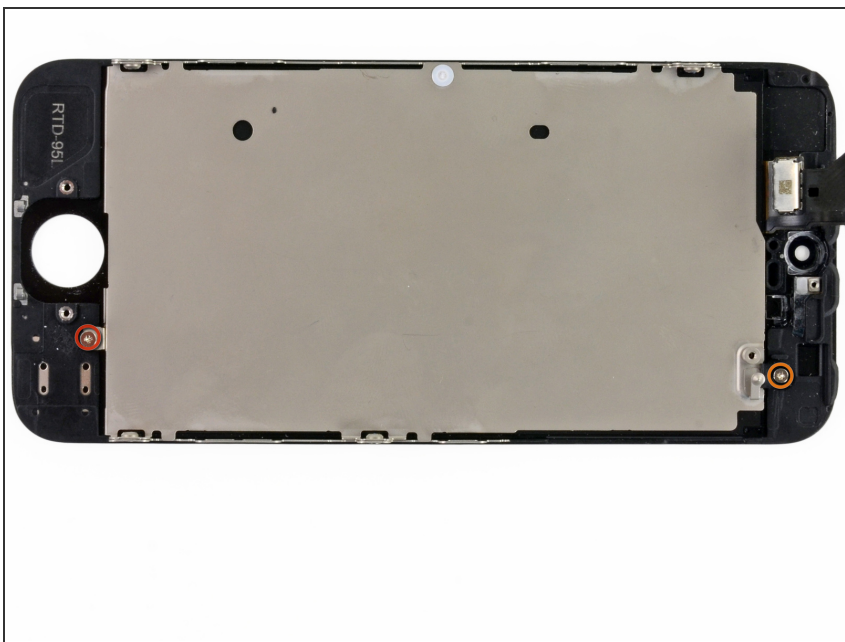
- Remove the home button from the display assembly.

Step 3



- Remove two 1.2 mm Phillips screws from each side of the LCD frame (four total).

Step 4



- Remove the two screws securing the LCD shield plate to the display assembly:
 - One 1.4 mm Phillips screw
 - One 2.6 mm Phillips screw

Step 5



- Remove the LCD shield plate from the display assembly.

Step 6



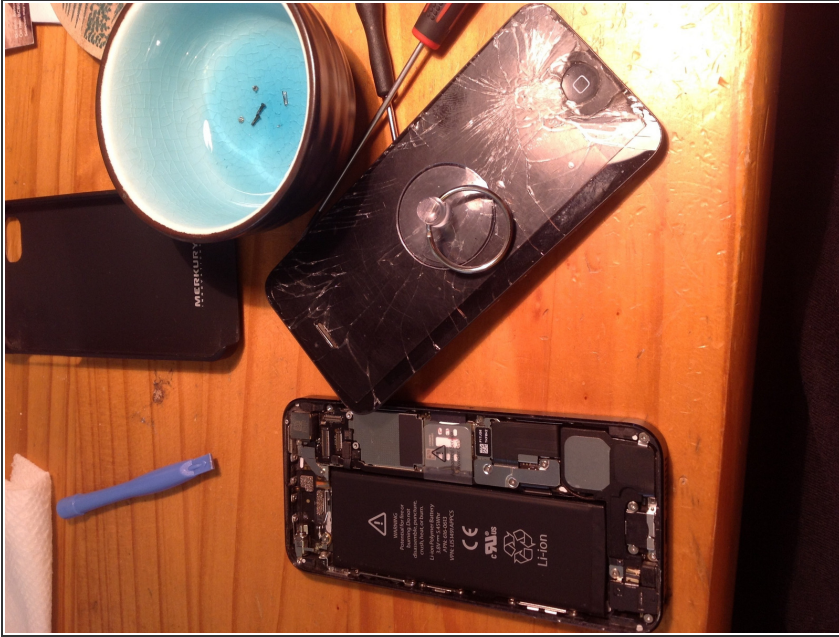
- The bare display assembly remains.

i For reassembly, make sure to transfer over the LCD shield, home button, front facing camera assembly, front facing camera lens bezel and earpiece speaker to your new part.

! If the replacement screen seems to not fit in the original frame, do not put too much force on the screen, or the glass might crack. Instead, try inserting the screen at a 30° angle, starting at the top. The aim here is to get the three plastic brackets under the metal frame of the phone and move with slight pressure from the sides to the bottom.

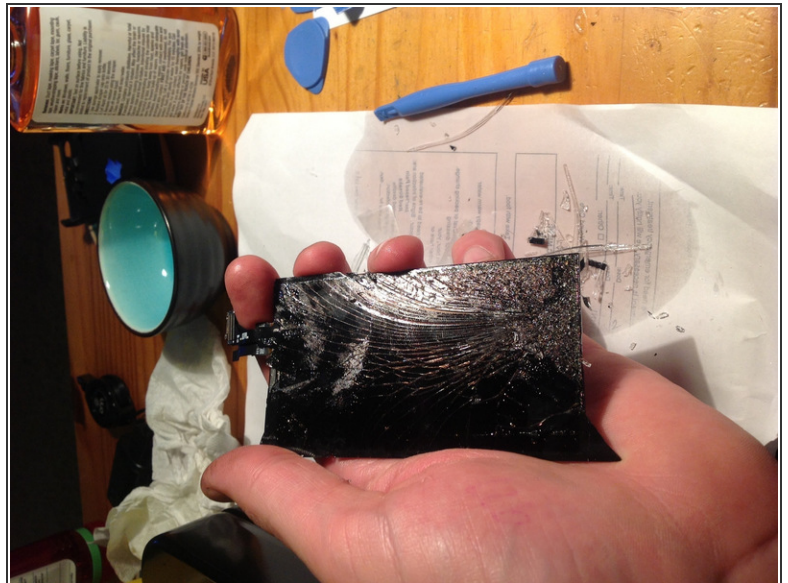
- Make sure to remove the protective cover from your new display assembly as well as the protective cover on the back of the LCD.
- Note: When reassembled, the screen may not turn on. Try fixing this by plugging your phone in, and holding down the power and home buttons at the same time for 20 seconds.

Step 7 — Glass only



- I used some clear packing tape to help me remove the glass and get suction.

Step 8



- Using a hot plate (cooktop) and a temp gun heat up the LCD to about 150-160 degrees. I also soaked the display in Duck Brand adhesive remover. Working a few pieces of glass at a time soaking and heating. I used a small flat head, plastic pry and a high guitar string to remove all the glass from the LCD. Be careful not to twist the LCD assembly.

Step 9



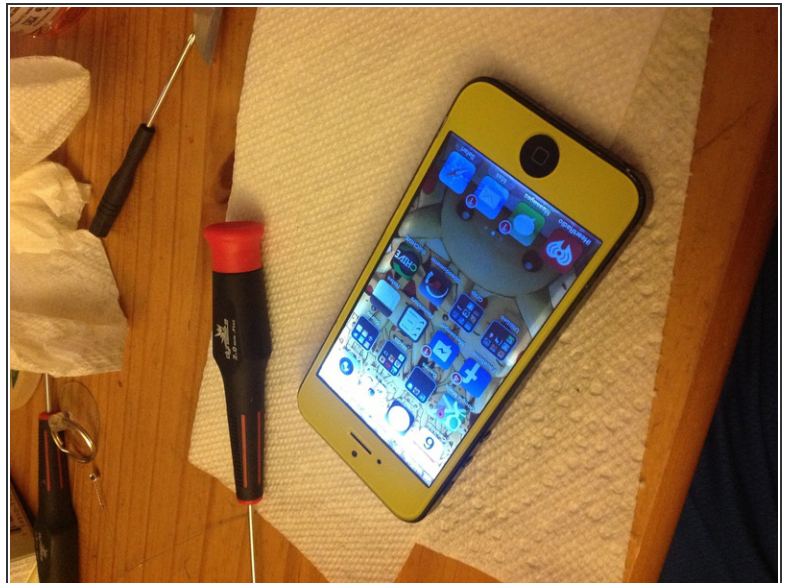
- After all the glass is removed from the LCD, gently soak it down in adhesive remover and use your fingers to get rid of the rest of the goo

Step 10



- Clean the rest of the glass and goo off of the frame. I used the same heat and adhesive remover method, but a touch more heat here is okay.

Step 11



- Attach the new glass to the frame and LCD. I only attached the glass to the frame on mine for various reasons. Others recommend using an optically clear adhesive to attach the new glass to the LCD directly. Then reassemble the display and install.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-25 10:39:43 PM.